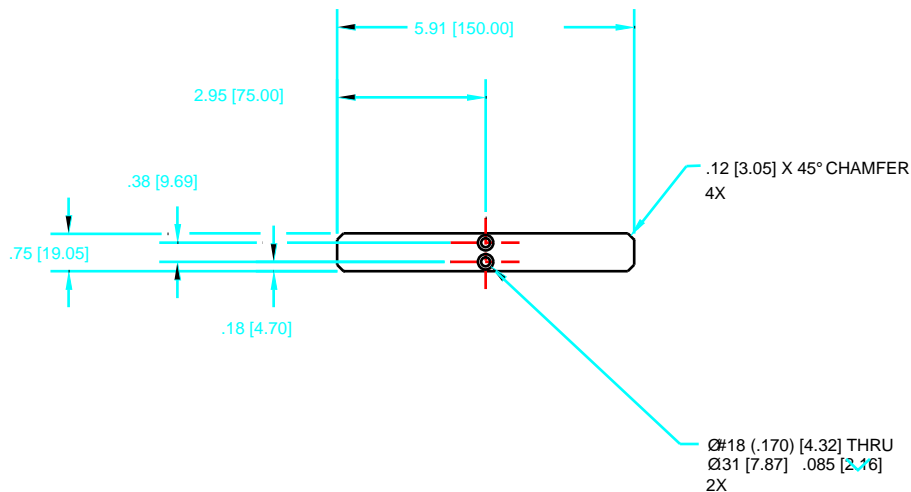


NOTES:

1. THIS IS AN U.H.V. COMPONENT.
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
3. PLASMA SPRAY THIS SURFACE WITH P22 RED (GTE PRODUCTS CORP., CHEMICAL & METALLURGICAL DIV., 605 E. GAYHART ST. COMMERCE, CA 90040).
4. KEEP THIS PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

COATING PROCEDURE:

1. BLAST SURFACE WITH ALUMINA POWDER, FOR ROUGHENING.
2. PLASMA SPRAY PHOSPHOROUS COATING TO 15 um (PLASMA COATING CORP., 15331 S. AVALON BLVD., GARDENA, CA 90248)



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF		
TOLERANCES		ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR	TITLE		
.X .015	.25°	ADVANCED PHOTON SOURCE		
.XX .010		FLUORESCENT SCREEN		
.XXX .005				
SURFACE ROUGHNESS 250				
REMOVE ALL BURRS AND BREAK SHARP EDGES TO MAX.				
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST AND 846				
HATCHING & TO DIMENSIONS IN ACCORDANCE WITH LATEST AND 141				
BY NOT SCALE DRAWING				
DESIGNER T. HUMAN		DATE 12/93	CHIEF DESIGN ENGINEER D. SHU	DATE 12/93
CHECKED BY T. SANCHEZ		DATE 12/93	GP LEADER T. SANCHEZ	DATE 12/93
PROJECT MGR. T. SANCHEZ		APPROVED/RELEASED		
MATERIAL Cu OFFC .125 THK.		SCALE 1:2		
SHEET 1 of 1		SIZE C		
DRAWING NUMBER P4105090201-810200-00				